MEMORANDUM

August 12, 1975

To: Ron Robinson

From: Ron Pine

Subject: Sewage Contamination at Squaxin Island and

Jerrell Cove State Parks

A call was received from Representative Don Bonker's office on August δ , 1975 regarding the above subject. A short reconnaissance of the Squaxin Island, Jerrell Cove area was made on August 7 and a series of bacteriological samples were collected. The results are shown in the following table:

Station	Description	Total Coliform	Fecal Coliform
1	Squaxin Island State Park at Boat Moorage	16	4
2	Squaxin Island State Park - Center of Small Cove near Boat Moorage	32	<u><2</u>
3	Squaxin Island State Park - Head of Small Cove near Boat Moorage	280	2
Ą	Squaxin Island at Small Cove Just North of Squaxin Island State Park	Ą	<u> </u>
5	Squaxin Island Indian Aqua Culture Site	2	<u><2</u>
6	Jerrell Cove State Park at Main boat Moorage		
7	Jerrel Cove Middle of Small Back Water by Main Boat Moorage	160	12
8	Jerrel Cove Head of Small Back Water by Main Boat Moorage	94	8

9

Rustlewood Development Outfall 30

≤2

The total coliform standard is not met at stations 3, 7 and 8, however, it is doubtful these values have any fecal significance since the fecal coliforms are negligible.

REP:ee

STATE OF WASHINGTON DEPARTMENT OF ECOLOGY

WATER QUALITY LABORATORY

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ORIGINAL TO:

_DATA SUMMARY

ryb Life?

Date Collected 8-7-75	Goal, Pro./Obj									
Log Number: 75.	SQUAXIN 15.									
Station:	BOAT DOCK	HeAL OF Cove	MIS	NO. OF ST. PARK	SITE CULTURE	RUSTEE- WOOD Dev.	Heal Cove	MIS Gue	E STATE	STORET
рН										00403
Turbidity (JTU)				ļ						00070
Conductivity (umhos/cm)@25c										00095
COD										00340
BOD (5 day)										00310
Total Coliform (Col./100ml)	ESF	280	32	63F 4	837 2	30	94	160	18	31504
Fecal Coliform (Col./100ml)	4	डा 2	12	(2	(2	(2	837	15	67 7	31616
NO3-N (Filtered)										00620
NO2-N (Filtered)							***			00615
NH3-N (Unfiltered)										00610
T. Kjeldahl-N (Unfiltered)										00625
O-PO4-P (Filtered)										00671
Total PhosP (Unfiltered)										00665
Total Solids										00500
Total Non Vol. Solids										
Total Suspended Solids										00530
Total Sus. Non Vol. Solids										
Note: All results are in P										

Convert those marked with a * to PPB (PPM X 103) prior to entry into STORET

Summary By Tuke Q. Poll Date

Date 8-12-75